

REMARKS

Claims 1-32 are pending. In this paper, claims 9, 11, 15, and 24 have been amended.

In the Office Action, claims 1, 2, 4-8, 12-16, 31, and 32 were rejected under 35 USC § 102(e) for being anticipated by the Egan patent. Applicants request the Examiner to withdraw this rejection for the following reasons.

Claim 1 recites “a **GTP-U tracing unit** for tracing a GTP-U message and reporting the GTP-U message to the call tracing unit.” A SGSN interface unit receives the GTP-U message and an internet interface unit “transmits the GTP-U message routed at the GTP-U tracing unit to an internet network.” The Egan patent does not disclose these features.

The Egan patent discloses a system which traces a voice-over-IP (VoIP) call placed from a wireless terminal through a gateway. However, Egan does not disclose a **GTP-U tracing unit** that traces a **GTP-U message** and reports the GTP-U message to the call tracing unit. As disclosed in the specification, call tracing systems have been developed. Some of these systems perform VoIP tracing like Egan, while others perform call tracing based on GTP-C. As further noted in the specification, GTP-C systems have various drawbacks. (See, e.g., Paragraph [12]).

None of these systems including Egan, however, perform call tracing based on GTP-U messages as recited in claim 1. Moreover, Egan does not disclose a SGSN interface unit receives the GTP-U message and an internet interface unit “transmits the GTP-U message routed at the GTP-U tracing unit to an internet network.”

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Because the Egan patent does not disclose all the features recited in claim 1, it is respectfully submitted that the Egan patent does not anticipate claim 1. Accordingly, it is submitted that claim 1 is allowable. Applicants further submit that the claims that depend from claim 1, not only by virtue of their dependency from claim 1 but also based on the additional features relating to GTP-U recited therein.

Claim 4 recites “setting a tracing function for reserved resources of a **GTP-U** by using a TEID for a subscriber to be traced” and “outputting information for the reserved resource by detecting the GTP-U having the tracing function set therein.” The Egan patent does not disclose any of these features relating to GTP-U-based call monitoring. Accordingly, it is submitted that claim 4 and its dependent claims are allowable.

Claim 16 recites “setting a tracing function for reserved resource of a GTP-U using TEID of a subscriber to be traced” and “detecting the GTP-U having the tracing function set therein and outputting information for the reserved resource of the GTP-U message.” The Egan patent does not disclose any of these features relating to GTP-U-based call monitoring. Accordingly, it is submitted that claim 4 and its dependent claims are allowable.

In view of the foregoing amendments and remarks, Applicants submit that the application is in condition for allowance. Favorable consideration and timely allowance of the application is respectfully requested.

To the extent necessary, a petition for an extension of time under 37 CFR § 1.136 is hereby made. Please charge any shortage in fees due in connection with the filing of this,

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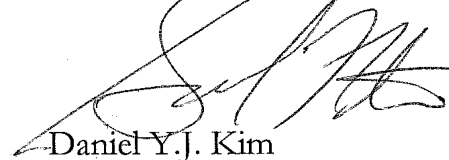
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concurrent and future replies, including extension of time fees, to Deposit Account 16-0607 and

please credit any excess fees to such deposit account.

Respectfully submitted,
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